## The Salt Lake Tribune.

and EVENING TELEGRAM.



she submitted the whole for expert analysis hm H. Allen, Director of the Municipal Research and Training School for Pubextremely luter nd often surprising, result Allen's book, lately issend by ead & Co., N. Y., and called

la spiritual, gifts mental, and erial are the three greatest of expressing buman inter-ber have been unequally beupon men and unequally ob-

m Philanthropy; a Study of at Appealing and Giving."

a foreword Mrs. Harriman

l'i individual gifts must be natically as well as symmission of benefiting himself, atry and his race."

allen classified and anat-6,000 begging letters sent Harriman. Two of his inconclusions are: those who give 'without It are sure to miss it in

school in the art of apind the art of giving." imple as to the former, the metaphorical woman

asking Mrs. Harriman one drop from your over-schet for a sister in deep

do sit down and write a one million dollars, er woman. "It will look that you will see you'll the sum and make me 184 fortunate."

writing from California ess as to convey a hint Biblical camel and "You could never and when a man goes beyond he cannot take with him."

seand of these letters men, women and chil-United States, asking for themselves; 1,400 ters from Europe, Asia. Australia asked for ters were carefully an-1,100 benevolent agenalyzed that contained United States wanted

tised in the press. On the con-trary, 3,500 different localities are represented by these 6,000 appeals. For Mrs. Harriman's office and our own we prepared two pin maps in-dicating the localities in the United States after the first 3,000 letters had come. Little black pins mean individuals asking for themselves and families. Large red plus are used for colleges and universities, little red ones for industrial schools, etc.; white for churches, green for hospitals, yellow for boys' clubs; blue for homes and asylums, lav-ender for scientific and civic bodies.

In explaining why so much study was given to these letters, Mr. Althe seems to be speaking for Mrs. Harriman, says.

The first twenty or fifty times You will one reads: never miss such a trifle. while to me one thousand dollars would look like Heaven itself, the heart response is immediate. It seems imperative to answer an appeal to save a tuberculosis flance, rescue a paralyzed baby, rebuild church that was struck by lightening. supply the last fifty thousand toward a college which will illumine a State, or give an old couple

"What right have I with an income of \$50 or \$500 a day to hesitate when I pass disto me in my morning meil?

longed-for trip back

"Is there any lesson in these hundreds of appeals for me, for others who want to give wisely, for those who ask and for those who are trying to understand, interpret and direct social forces?" So even personal let-

excuses like these: PHOTO ( ) 87 PRUCKER B CO. N.Y

mail is not circulated. My time is limited in this hotel."

"One of the freaklest letters," writes Mr. Allen, "fairly reeking with insincerity, was from a man who claimed to have spent ten years demonstrating from first-hand contect that 'It is worth while to investigate the horrors, disgraces, malevolent and Ignorant outrages, procedures intensely dangerous to health and life itself, now borne with equanimity and patience by all the generous and trustful public ..... among ordinary cheap restaurants where the majority of our Americans are now getting their pot luck.

The tactlessness of many of these mendicant letter writers was amazing. A wife whose husband was "in bad health and unable to work" ad-

Homes, Lavender for This Reproduction, but Allen's "Modern Philan-Scientific and Civic Bodies. The Colors of the Pins Cannot Be Seen Their Distribution Can Be. The Illustration Is from Director William H. thropy," the Remarkable Book That Details the Harriman Begging Letter Research.

dressed Mrs. Harriman as "Dear Sis in Christ." A business man in need of more capital started his letter to Mrs. Harriman with the inquiry, "Is your soul saved?"

A woman who admitted that she was only the candlestick of Heaven's light" wanted the means of financing a scheme to revive "the ost art of letter writ-

A man with a record of fifty eight jall sentences in one year de sires the means of placing on the market a "health remedy made of celery water."

A champion crank ended his letter thus: Yours for the immediate restoration of truth. justice and sexiess progress as the sound basic principle of all things common in last days."

"Mizpah." Dread of the "waste basket" cropped out in many of the letters. This is a favorite expression of that dread: "In the name of humanity do not throw this letter into the waste basket until you have read it."

Above Is Mary Harri-man, Now Mrs. C. C. Rumsey; Below Miss Carol Harriman, Daugh-

ters Whose Financial Welfare the Late Mr.

Harriman Left in His

Wife's Hands Together with His Whole Fortune.

Hundreds "do protest too much" at the start, as: "This is not a begging letter." And, "If you knew how it hurts me to write." And, "I am not hurts me to write." And, "I am not an impostor," and, "if you will ask my minister," etc. Many of the requests from charity

and other benevolent institutions contained phrases that were monuments eculty, bad taste and insincer-

ity. Here are a few examples: "I have set my alarm clock for 2 a. m. Each time it rings I will rise and ask God to ask you for \$50,000." "God loveth a cheerful giver."

"May the Holy Spirit do His work in your heart and lead you to give \$1,500,000' (to a Western university). "We would appreciate a reply

over your own signature."

"It was a very great pleasure to see you once more and to know of God's kindly dealings with you. P. S., Section 3, above, is not quite true to fact, but I trust you are to be a co-laborer and so I send this with a photograph of myself."

It is recognized that begging letters must be examined carefully as a basis for discriminate and helpful giving. In some cases a begging letter furnishes evidence that the writer should have other attention once - that some one should ing for an ambulance." For in-"ring for an ambulance."

"A man who leaves his wife and children in an institution and bor-rows money from hotel clerks with which to buy newspaper and Bible quotations to further 'one of the greatest constructive schemes to make \$850,000,000 should be examined for his sanity. Otherwise, in-stead of becoming one of the most belpful, progressive and useful men of my time, he may easily become a homicide."

Harriman's Beg-

Remarkable Map in the

World, as the Begging Letters Came in the

Places They Were Sent from Were Marked with

Pins-Little Black Pins

for Individuals, Large Red Pins for Colleges

and Universities, Little

Red Pins for Industrial Schools, etc., White for Churches, Green for Hospitals, Yellow for Boys' Clubs, Blue for

Accordingly-with Mrs. man's encouragement-Mr. Allen's book ends with a carefully thought-

## Heat That Makes Iron Boil Like Water

OR some years past scientific men have been striving to produce heat fiercer than any temperature of which we have experience in ordinary life. The greatest heat ever developed by the agency of man was obtained by Sir Andrew Noble, who exploded cordite in closed vessels, so that a pressure of fifty tons to the square inch was registered, and a degree of heat never previously recorded.

The highest temperature reached in fuel furnaces for practical purposes is between 1,700 and 1,800 grees centigrade, and at such a heat fireclay and porcelain are melted. Then we come to the flame fed with hydrogen and oxygen, or oxygen nda coal gas; by these means a temperature of 2,000 degrees centi-

grade may be obtained. A new industry solely dependent upon the employment of great heat is that of melting quartr. This min-eral, fused by the oxy-hydrogen flame, is converted into tubes and flasks and other vessels for chemical purposes. These vessels are absolutely inert, and may be heated hundreds of degrees higher than is possible with glass; they may also be plunged at such heat into cold

water without injury

It has been discovered that by whirling a centrifugal wheel at high velocity in the combustion-chamber of a furnace the nitrogen is cast to one side, while the oxygen is concontrated, and in this way a brighter flame and greater heat are obtained. A similar appliance used during the combustion of coal in a furnace enabled a firm of papermakers to save twenty-seven per cent of their coal bill by the climination of the hydrogen gas formed

in combustion. But most remarkable of all the phases of the utilization of extreme heat is the discovery of the welding material known as thermit. The inventor discovered that aluminium is very much attached to oxygen, and holds it closer than a brother. Therefore he mixed granulated alu-minium with oxide of Iron, for the lighter metal wants oxygen, and the oxide of iron has it to give. A small quantity of magnesium filings was placed on top of the mixture and a torm-match applied, and immediately a mass of molten iron was seen boiling at a temperature of \$.000 degrees centigrade - much higher than any temperature in or-